1.0 Place chocks under the vehicle wheels to prevent runaway.

2.0 To facilitate ease of installation, the service chamber pushrod should be extended (either by service air pressure or manually by pushing the slack adjuster away from the brake chamber). Use vise-grip pliers to lock the pushrod in place. Lock grips on pushrod against mounting bracket face.

**Important**: After vise-grip pliers are applied, remove (release) all air pressure from the service chamber.

3.0 Remove clamp band nuts and remove the clamp band, pressure cap, and diaphragm from the service chamber.

4.0 Discard diaphragm and inspect all visible components for damage i.e. (return spring, non-pressure chamber, pushrod plate, and pressure cap). Replace severely worn or damaged components.

5.0 Install a new service chamber diaphragm in the pressure cap and align the pressure cap and diaphragm with the non-pressure chamber.

6.0 Install clamp band. Tap the clamp band around its circumference while tightening the clamp band nuts to ensure proper seating. Tighten nuts to 20-25 lb-ft. torque.

7.0 Release vise-grip pliers from the service chamber pushrod.

8.0 Apply air pressure to the service chamber and check for air leakage.

9.0 Make sure the foundation brakes are adjusted to the vehicle manufacturers specifications.